

O/DIR ROUTING SLIP

FROM		DATE	
		4 Nov 1971	
TO	INITIALS	DATE	REMARKS
1		M 11/4	FYI
2		ac 11/4	Attached is
3		JWC 11/8	file
			of policy papers
			dealing with ARGO.
			Wally is available
			to talk to JWC
			at his convenience
			about our relationship
			with ARGO.
			JWC done 11/5
			Read and
			let me know
			if/when you
			have it all
			aboard and
			are then
			ready for
			your next
			pitch from
			me re:
			Applications of
			Multisensors to
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8 May 1970

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MEMORANDUM FOR: Deputy Director for Intelligence

SUBJECT : ARGO and Intelligence Resources

1. Civil uses of satellite photography, and civil plans for developing satellite photographic systems, have reached a point at which I have become concerned about the involvement of intelligence resources. I recommend that it is time to encourage the civil agencies to limit their dependence upon us to security aspects, to essential technical support, and to minor supplementary funding support.

2. My concern is caused by an enlarging pattern of dependence upon NPIC and other components of the satellite reconnaissance community for service to civil programs. Aside from the distraction of intelligence resources which will result, I believe that the civil agencies' dependence upon us will work against their developing the independent capabilities which they will need.

3. For example, NPIC has been asked by the ARGO Group if NPIC could provide PI's to help in times of natural disasters. We also have been asked if NPIC could provide technical support in such situations. If we were to answer yes to such requests -- we have not -- we should be encouraging increasing civil dependence on NPIC's photo interpretation and technical resources.

4. For another example, the [] has made a proposal to ARGO for investigating detection of earth resources through high altitude photography. The Agency is considering funding this proposal and is considering if the Agency should attempt to undertake some such work with its own resources. I recognize that earth resources coverage would produce information of some value for economic intelligence. But, such information should be available to us even if we did not fund or only made a limited contribution to the funding of such studies.

5. We do need to maintain active contact with the civil programs, to assist their development with our know-how, to protect the security of intelligence programs, and to know what intelligence may be gained from the civil programs. For those purposes some involvement of NPIC and other intelligence resources is necessary. The degree of involvement should be so limited that neither the civil or intelligence collection and exploitation programs are dependent on each other for major services or are vulnerable to each other's demands.

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SUBJECT: ARGO and Intelligence Resources

6. Let me make clear that I and my colleagues in NPIC believe that the U. S. Government should push ahead vigorously with a satellite earth resources program for civil purposes. As we have learned in the past, however, the involvement of intelligence resources in civil programs and activities can lead to unhealthy conditions affecting the intelligence community.

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ARTHUR C. LUNDAHL
Director

National Photographic Interpretation Center

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NPIC/ODIR: [] (8 May 1970)

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Original recd
& sent to DD/I
by DIVPIC
F. J. ARGO

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DRAFT
JJH:lak
22 April 1970

MEMORANDUM FOR: Deputy Director for Intelligence
SUBJECT : ARGO and Intelligence Resources

1. We are close to a point in the development of civil applications for ^{intelligence, police and aircraft} satellite photography when we shall need decisions concerning the future involvement of intelligence resources in that development. I recommend that now is the time to urge the disassociation of intelligence resources from such applications except for those liaison arrangements necessary to the security of the intelligence program and for providing technical assistance to the civil program.

2. I, of course, am perceiving this subject from the viewpoint of the National Photographic Interpretation Center. My direct concern is to sustain and to develop NPIC's capabilities to serve our foreign intelligence needs in the face of what I see as an enlarging pattern of dependence upon us for service to the civil program. At the same time, I believe that the civil program is and would be artificially handicapped by continued dependence on intelligence resources.

✓ 3. (Specific indications of ^{the} civil program looking to NPIC for more help -- a. b. c. d.)

? 4. Except for the mapping work which the U.S. Geological Survey is doing at Reston, U.S. agencies have not established PI and associated capabilities for civil applications. I suspect that they will delay doing so as long as they believe that they can call upon our services.

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(Orig) To in 4/29/

D R A F T**MEMORANDUM FOR:** Deputy Director for Intelligence**SUBJECT :** ARGO and Intelligence Resources

1. Civil uses of intelligence-directed satellite and aircraft photography and civil plans for their own satellite and aircraft photography have reached a stage of development that decisions must be made, for reasons set forth below, concerning the future role of intelligence resources in that development. I recommend that now is the time to make clear to the civil agencies that our cooperation must be limited to security matters and essential technical support. This recommendation is made from the NPIC point-of-view and does not pertain to the use of military or CIA aircraft not otherwise employed, intelligence satellites with available domestic engineering camera operations or even on occasion foreign coverage.

2. My direct concern is to sustain and develop NPIC's capabilities to serve our foreign intelligence needs in the face of what I see as a potentially enlarging pattern of ^{civil} dependence upon us. This, conversely, would lessen the civil agencies drive to prepare themselves for their responsibilities.

a. For example, we have been asked, informally,

(1) -- if we would be able to provide PIs to help in national natural disasters. We believe this exceeds policy and have informally replied in the negative.

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We also believe the role inappropriate for intelligence PIs to be involved in such purely domestic concerns.

(2) -- if we could provide technical support in disasters.

We believe this is in order in unusual circumstances, such as technical advice on film problems but we should avoid developing a civil dependence upon our laboratory or other technical services.

b. [] now has an ARGO proposal (detection of earth resources from high altitude photography) being staffed by Don Steininger for possible CIA funding. We believe this is inappropriate for CIA as it appears wholly designed for civil agencies' benefit, albeit that we might gain some limited information for use in economic intelligence

signatures, - something the DEI anticipated in his 20 March 1968 letter to []

3. It is our understanding that the civil agencies have limited PI and associated capabilities (perhaps 2 or 3 to an agency). I suspect that their preparation, looking forward to the Earth Resources Technological Satellite (ERTS) due in 1972-73 plus aerial photography, will be lessened by any measure they feel our support will provide.

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10 April 1970

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MEMORANDUM FOR: Director, National Photographic Interpretation Center

THROUGH : Deputy Director, National Photographic Interpretation Center

Executive Director, National Photographic Interpretation Center

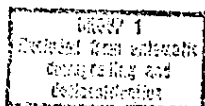
Chief, Planning, Programming & Budgeting Staff, NPIC

SUBJECT : Current NPIC Positions on ARGO Matters

1. Some questions involving NPIC's role in ARGO are shaping up in a manner which makes it advisable to check out current ARGO policy and its application. Let me write quickly that all at this point seems well in ARGO-NPIC affairs. We are, I believe, cooperating with ARGO to the extent of consulting and providing a limited range of technical support. ARGO needs for collection are levied, eventually, via ICRS upon collection air and space systems. Occasional read-out is provided by NPIC. This seems consistent with policy (DCI thru DD/I) as I understand it.

2. However, now new requests are shaping up. First, ARGO has set up a sub-structure working group to examine and develop inter-agency agreement for inter-agency coordinated action when national-level natural disasters (flood, hurricane, tsunamis, etc.) occur. So far, so good, --- this seems to make sense, that the U.S. Government would have a coordinated response to these disasters (at least in terms of data base, coordinated proper overflight of affected areas, etc.) instead of the at present (allegedly) multitude of efforts to request aerial/space surveillance and the subsequent disconnected interpretation of the disaster. The Office of Emergency Planning, The Executive Office of the President (OEP) is now acting, partially through ARGO in the case of TKH/BYE matters, to correct this situation.

3. The policy questions and needs for positions arise when specific demands are thought of by the civilian agencies in the disaster working group for direction to the reconnaissance community and, as far as NPIC's immediate policy concerns, when they are directed towards NPIC.



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a. PIs: The current ARGO disaster working group sessions have raised the question of NPIC providing 2 or 3, or 6, PIs on commitment to a natural disaster emergency force. I would recommend against this because:

(1) It is not consistent with DCI/DD/I Policy of cooperation with limited support.

(2) It would tend to postpone civilian agency commitment of their resources to their responsibilities for a domestic matter.

(3) It would place our (CIA) PIs in a position of potential embarrassment to the DCI if they were officially involved, particularly in a continuing official ~~sense~~, in a domestic matter involving recommendations to the President (extent of disaster and its requirement for Federal aid, etc.).

b. Technical Support: The disaster working group is considering what technical support they might need to obtain from NPIC (processing, reproduction, etc.). I recommend we provide consultant and limited technical support, as we now do, but exercising care not to let our help substitute for the civilian agencies' preparation to handle their own problems. (Provision of aerial collection is a different matter. Training and engineering flights are needed anyway and there is an element of military need for standby reconnaissance aircraft for war use. This is different than NPIC's basis for resources, which are geared to current or present intelligence needs. The military also has some responsibilities for domestic problems - Engineers, mapping, protection of bases, air navigation-military, etc.).

c. Classification - TKH - of Disaster Papers: Otto Guthe advised me of his earlier recommendation to the Office of Science & Technology, The Executive Office of the President (OST), which chairs ARGO, that the report of the ARGO disaster working group should be unclassified but have a limited TKH annex. I not only agree but advised Otto that any interpretation of the use of TKH on the report to ease and limit the proper civilian staffing of their role in domestic natural disasters could be a flap of some magnitude which could hurt the DCI and the Agency. Otto further said

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that the disaster group was thinking of incorporating gray and green phone use into their paper and he and I agreed that this would have to have a very careful look and be limited to just the TKH matters. It would seem to me that disaster planning is mostly an unclassified business with a small TKH assistance.

d. Command Channels: This disaster working group is incorporating into this paper the way in which channels will be set up to handle requests on an emergency basis for assistance during natural disasters. Otto and I agree that, first, any request for CIA/NPIC participation would come through present channels - from the disaster working group and/or the OEP to ARGO (OST), and then to DCI (or his ARGO representative [redacted]). Where OEP or others wish to have CIA or NPIC commit itself now to respond to direct calls (via Langley duty officers, for example) in an emergency, we should have better reasons than we presently have to recommend committing ourselves to such a response. (Again, flying the cameras is a different matter, see above.)

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4. Other than the ARGO disaster working group, there is a second matter touching upon application of DCI ARGO policy. [redacted] addressed a proposal to the ARGO committee. [redacted], formerly ARGO Chairman - now ADD/S&T, is staffing the proposal as a possible agency-funded contract. Otto Guthe had proposed it be forwarded to ARGO for possible civilian agencies funding through CIA/OSP-[redacted] channel. I agree with Otto and this is consistent with [redacted] own proposal as OST's ARGO chairman last year - that civilian agencies put up funds to wash through NPIC's [redacted] contract, thus giving them a beginning PI support of their needs. [redacted] OSP, is staffing the [redacted] proposal for [redacted] and is using personnel from NED [redacted] OBGI [redacted], OER [redacted] [redacted] are assisting as tech advisors from NPIC. There is a request for possible Economic Intelligence justification involved in [redacted] Agency funding approach. NPIC is providing its experience by problem, snow level, forestry, etc.

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5. The [redacted] proposal is tailored to peaceful uses earth resources information which may or may not be available from high level imagery of different types. There are some parallels between intelligence-oriented requirements and earth resources (peaceful uses). However, I am impressed that the extent and nature of these parallels raises the question as to whether the intelligence-oriented requirements (agriculture, forests, stockpiles, etc. - economic intelligence) is greater or lesser than the overall peaceful uses need. I suggest

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that the latter is much greater and the civilian agencies should be more concerned in obtaining the funds to prepare themselves than looking to CIA to fund it on their behalf. An ORD project in this area has been ended [] (was project officer) last year and, I believe, CIA's current satellite requirements projection contained ARGO requirements, placed there by [] after becoming ADD/S&T, but were later removed. Should the civilian agencies increase their efforts in the earth resources areas, CIA and NPIC will gain information from them of possible use in obtaining similar information from various types of imagery. This would be consistent with the DCI's policy to reap any benefits to intelligence from the experience of the civilian agencies.

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6. To Sum Up: Policy/position-wise --

a. NPIC/PI's to natural disasters - No - would not be consistent with policy - would delay civilian efforts to help themselves - might embarrass DCI having PIs officially involved in Presidential recommendations on domestic matters.

b. Tech. support to natural disasters - Yes - continue a limited basis as at present.

c. Use of TKH classification for natural disaster papers and report - limit to special annex.

d. Command channels for natural disasters - Same as now, ARGO to DCI - do not commit direct emergency channel without better justification than we now have.

e. [] proposal to ARGO on earth resources - turn over to civilian agencies to see if they wish to fund through CIA - do not fund with CIA funds unless economic intelligence need is truly sufficient.

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7. I realize that the policies/positions given above are subject to the DCI/DDI/[] chain on ARGO matters. I believe we should continue the positions indicated on PI's and technical support, subject to chain indicated --- that the use of TKH on disaster report and the command channels item are matters for Otto Guthe to handle primarily but we can support with our views, as indicated -- that the [] proposal is a matter for ADD/S&T, DDI & Inlow to wrestle with but our informal views* are as above.

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8. I hope this memo reflects specific policy and position questions which are arising and my recommendation and views thereon.

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It also reflects that there are areas of judgement which must be exercised from time-to-time. Believe we're in good shape and should continue working closely with COMIREX Chairman, DDI/IRS/Recce and DDI/Plans. It may be that any addressee of this memo might wish to touch base with Ed Proctor, [] or others at this time.

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15/
[]
NPIC ARGO Representative

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* As this memo is prepared, [] are preparing NPIC information for [] regarding the [] proposal. [] advises me that he may recommend at the same time that NPIC do the work suggested by the [] proposal. I suggested to him that if he makes such a recommendation he eliminate much of the [] proposal which would not tie to intelligence needs with some reasonable chance of utility. While I believe NPIC must retain and continue competence in "earth resources" in the intelligence sense for any present and potential requirements, I also feel that we must know much more about the intelligence priorities involved before concluding on a recommendation to perform even a modified [] proposal in-house.

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